

**Table B-18a. Sex and race/ethnicity of 1999 and 2000 science and engineering master's degree recipients who have taken college courses since most recent degree, by major field of degree: April 2001**

| Major field of 1999-2000 S&E master's degree                         | Total   | Taken additional college courses since most recent degree <sup>1</sup> |        |        |                     |                           |   |
|--|---------|--|--------|--------|---------------------|---------------------------|---|
|  |         | Total  | Sex    |        | Race/ethnicity      |                           |   |
|  |         |  | Male   | Female | White, non-Hispanic | Asian or Pacific Islander | Under-represented minority <sup>2</sup> |
| All science and engineering fields.....                              | 160,100 | 57,300   | 30,000 | 27,300 | 36,800              | 12,400                    | 8,100                                   |
| Total science.....   | 115,300 | 44,200   | 19,900 | 24,400 | 30,100              | 7,800                     | 6,300                                   |
| Computer and information sciences.....                               | 24,300  | 5,900  | 4,100  | 1,800  | 3,000               | 2,300                     | S                                       |
| Life and related sciences, total.....                                | 16,200  | 7,100  | 3,400  | 3,700  | 5,000               | S                         | 700                                     |
| Agricultural and food sciences.....                                  | 2,800   | S  | S      | S      | S                   | S                         | S                                       |
| Biological sciences.....   | 11,100  | 5,500  | 2,900  | 2,700  | 3,800               | S                         | 600                                     |
| Environmental life sciences including forestry science.....          | 2,300   | S  | S      | S      | S                   | S                         | S                                       |
| Mathematical and related sciences.....                               | 6,200   | 2,600  | 1,600  | 900    | 1,800               | S                         | S                                       |
| Physical and related sciences, total.....                            | 8,600   | 4,100  | 3,000  | 1,200  | 2,600               | 1,300                     | 300                                     |
| Chemistry, except biochemistry.....                                  | 3,500   | 1,400  | 900    | S      | S                   | S                         | S                                       |
| Earth sciences, geology, and oceanography.....                       | 2,200   | 700  | 600    | S      | S                   | S                         | S                                       |
| Physics and astronomy.....   | 2,700   | 1,900  | 1,400  | S      | 1,300               | S                         | S                                       |
| Other physical sciences.....   | S       | S  | S      | S      | S                   | S                         | S                                       |
| Psychology.....  | 33,000  | 13,200   | 2,900  | 10,400 | 10,100              | S                         | 2,400                                   |
| Social and related sciences, total.....                              | 27,100  | 11,300   | 4,900  | 6,400  | 7,700               | 1,700                     | 1,900                                   |
| Economics.....   | 4,600   | 2,300  | 1,300  | S      | S                   | S                         | S                                       |
| Political science and related sciences.....                          | 8,000   | 2,600  | S      | S      | 1,900               | S                         | S                                       |
| Sociology and anthropology.....                                      | 5,000   | 2,600  | S      | 1,700  | 1,800               | S                         | S                                       |
| Other social sciences.....   | 9,500   | 3,800  | 1,600  | 2,300  | 2,800               | S                         | S                                       |
| Total engineering.....   | 44,800  | 13,100   | 10,100 | 2,900  | 6,700               | 4,600                     | 1,800                                   |
| Aerospace and related engineering.....                               | 1,200   | 500  | 400    | S      | 300                 | S                         | S                                       |
| Chemical engineering.....  | 2,000   | 900  | 700    | S      | S                   | S                         | S                                       |
| Civil and architectural engineering.....                             | 6,300   | 1,400  | 900    | S      | S                   | S                         | S                                       |
| Electrical, electronic, computer and communications engineering..... | 16,400  | 4,300  | 3,300  | 1,000  | 1,600               | 2,000                     | 700                                     |
| Industrial engineering.....  | 3,200   | S  | S      | S      | S                   | S                         | S                                       |
| Mechanical engineering.....  | 6,100   | 2,200  | 2,000  | S      | 1,200               | S                         | S                                       |
| Other engineering.....   | 9,500   | 3,000  | 2,300  | S      | 1,700               | 900                       | S                                       |

<sup>1</sup> Most recent degree as of the survey reference period, April 2001.

<sup>2</sup> The underrepresented minority category includes black, Hispanic, and American Indian or Alaskan Native.

**KEY:** S = Data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

**NOTES:** Details may not add to totals because of rounding. These estimates of 1999 and 2000 college graduates are obtained from a sample survey of individuals receiving bachelor's or master's degrees in science or engineering fields and may differ from degree counts reported in other CPS publications.